

## **NTMHP MES Meeting Notes – April 12, 2023**

### **Attendees:**

Elyssa Tappero, WA EMD; Danté DiSabatino, WA EMD; Summer Ohlendorf, NTWC; Dave Snider, NTWC; USGS; Regina Browne, VITEMA; Mario Kaipat, CNMI HSEM; Nic Arcos, NOAA/NCEI; Todd Becker, Cal OES; Ed Fratto, Northeast States Emergency Consortium; Jeff Lorens, NWS Western Region HQ; Kara Sterling FEMA RX; Lewis Kozlosky NOAA; Leah Boisvert, Hawaii EMA; Mark Benthien, USC/TsunamiZone; Ethan Weller WA EMD; Ed Fratto, Northeast States Emergency Consortium; Christa von Hillebrandt-Andrade ITIC-CAR; Nick Graehl, California Geological Survey; Yvette LaDuke, Cal OES;

### **Welcome, Introductions, and Announcements**

Introduction from Nic.

Sent out Gaps/Needs/Challenges worksheet.

- April 28<sup>th</sup> final date to update. Will send out another reminder
- We will send out the survey prior to summer meeting so we can discuss at the final meeting.

Next meeting is July 12<sup>th</sup>, will discuss and finalize summer meeting plans.

### **Work Plan Activity Updates/Briefs:**

#### **#1 Exercise Support for NTWC, PTWC, and WCS in annual exercises -Summer Ohlendorf**

Summer gave information on LantEX (02 Mar), including 6 WFO participated and 4 States and Canadian Institutes.

PacifEX is tomorrow (13 April); Will coordinate dates for 2024 to try and avoid conflicts. 2024 dates expected by NTHMP Summer meeting.

Looking for more engagement from everyone.

Will distribute survey after PacifEX.

#### **#2 Expansion of TsunamiReady to support and/or encourage recognition for maritime communities - Todd Becker**

Discussion and input from NTHMP partners indicated that there was not a need to develop a new Tier or Category of TsunamiReady® specifically for maritime, but that more could be done

to work with the “Maritime Communities” within the existing TsunamiReady® Communities where the ports or harbors are located and to also consider using the TsunamiReady Supporter® category.

California initially intended to include some language in their FY 2023 Grant proposal to pursue the TsunamiReady® expansion for Maritime Communities. Based on the discussions and feedback from NTHMP, California has decided not to pursue the expansion of existing TsunamiReady® program. Alternatively, California is proposing activities to enhance efforts that target outreach and tsunami planning gaps with Maritime Communities using the existing TsunamiReady® program guidelines in addition to Maritime Related Options and Strategies available on the Tsunami Maritime Guidance Website ([tsunamizone.org/maritime](https://tsunamizone.org/maritime)). These guidelines are unofficial guidance and recommendations to developed by California to supplement TsunamiReady® for Maritime Communities and are not officially endorsed or required by the National Weather Service for TsunamiReady® program.

California will coordinate and partner with the NWS Warning Coordination Meteorologists to potentially recognize participating maritime communities as TsunamiReady®. Participating communities could be considered for inclusion as a TsunamiReady® Supporter or in city or county TsunamiReady® recognition. This may depend on if the port or harbor is an independent, quasi-governmental, or city/county-associated jurisdiction.

California will share the results of the efforts with the NTHMP.

### **#3 Hazus Tsunami Expansion - Ed Fratto** *(see slides)*

There is need to expand Hazus Tsunami to include East Coast and Gulf Coast States so that there is a consistent Uniform Tsunami Risk Assessment for All States and Territories.

The proposal is that MES Meet With FEMA and Discuss. Ed has been working on an Agenda and meeting date with the MES Co-chairs.

NTHMP Hazus agenda discussion points can include Possible expansion of Hazus to all coastal states and territories; Possible development of Hazus maritime loss capability; Alaska: Hazus inventory issues; Poll MES and MMS for any other issues to be added and share with FEMA.

Other MES are welcomed to join meeting, please let MES co-Chairs know if interested. Meeting time/date will be shared once it is set.

### **#4 Method for Identifying Potentially Tsunami Vulnerable Populations – Ed Fratto** *(see slides)*

Ed developed a Method (Guide) for Using Hazus to Identify Potentially Tsunami Vulnerable Populations. DRAFT Guide has been updated incorporating comments and recommendations from MES Co-Chairs.

Includes new introductory section, enhanced graphics, GIS maps, etc.

Since this involves other sub-committees and the NTHMP partners at large MES Co-Chairs may bring this to discussion at the April 13th monthly sub-committee chair meetings held with Ian.

Co-Chairs may seek possible further distribution to NTHMP and FEMA for their feedback.

Link to reference for Equity/Equality Image: <https://www.cawi-ivtf.org/wp-content/uploads/advancing-equity-inclusion-en.pdf>

It is located on Page 17 of the linked document.

#### **#5 Tsunami Debris Guidebook - Althea Rizzo**

Not present.

#### **#6 Tsunami Vertical Evacuation Guidebook- Althea Rizzo**

Not present.

#### **#7 TsuInfo Alert newsletter -WA EMD**

Share your activities for inclusion in TsuInfo Alert newsletter. They don't have to be long or detailed. This is a good way to document the activities for future reference.

Look for the requests for articles that Stephanie Earls send out.

#### **#8 Tsunami canned messaging -WA EMD**

Close to being done with canned text, graphics and alt text. Products will be made available to all through BaseCamp. Testing delivering methods of messaging. Washington doing social media exercise on June 22<sup>nd</sup>. Will follow up with a training for stakeholders in July/Aug/Sept time frame. This formal training for social media for stakeholders will include local up to Federal; then will fine tune text, graphics, alt text following this training.

Will share information with MES/NTHMP. It will be available to everyone.

If you want access to our Preparedness Basecamp group, let Elyssa know.

<https://3.basecamp.com/3363842/projects/3191024>

### **#9 Hazard simplification project "deep dive" - WA EMD (Ethan Weller) *(see slides)***

Project goal is to document detailed top-down step-by-step timeline covering alert dissemination process and procedures within each state and territory.

Project will assist state/territory with documenting roles and responsibilities.

NTWC Partner Timeline Kickoff Meeting on April 27<sup>th</sup> @ 10 AM. Invites were sent out.

PTWC Partner doodle poll going out soon for a meeting in May.

Contact Ethan Weller, Ian Sears, or Elyssa Tappero for more details.

### **#10 Evacuation route wayfinding project - WA EMD**

WA has completed most of the fieldwork.

Shared draft map of how the information will be displayed. GPS locations of existing signs and where signs can be installed.

Using the Google Maps was efficient. Student groups covered a lot of ground.

Expect they will have information to share with their partners by end of summer.

Question about if information regarding visibility was being collected. They are collecting information on visibility and other factors.

Comment about also recording information on availability of sign posts is useful.

Nic Graehl shared information on tsunami sign plan that he worked on in California.

### **#11 TsunamiZone.org – Mark Benthien**

TsunamiZone is are working to expand Spanish level content beyond our support for CARIBE WAVE. While general tsunami education resources exist, tsunami hazard maps in Spanish (or other local languages) are needed to make a Spanish “know your zone” page

The website connects dynamically to tsunami.gov (displays the same color coded top banner as on the page)

TsunamiZone can provide simple information sheets about Tsunami warning levels, and will update these when changes are made. We can also make a page specifically about this, with input from everyone.

For social media: Please follow @thetsunamizone on Twitter, Instagram, and Facebook and share our posts. Graphics are at [www.tsunamizone.org/resources](http://www.tsunamizone.org/resources) - we're making new "global/year round" "Join us" posts too in addition to what already exists.

Please provide updates for events and materials by emailing us anytime at [info@tsunamizone.org](mailto:info@tsunamizone.org). If you need support for accessible graphic design, we may be able to help.

You can submit public or media-friendly events for [tsunamizone.org/calendar](http://tsunamizone.org/calendar) via a link on the page.

For LANTEX and PACIFEX, etc.- we are revising the registration form with a checkbox list for exercises rather than yes/no, to better differentiate participation vs. just by state/territory, when there are multiple events spanning states- or just organic registration that are in the region but not involved.

Ideally this also will include more promotion from participating states/territories too, for which we need more coordination and responsibility. For example, we can make a page like we have for CARIBE WAVE for the east coast and gulf (one or both), but need local buy-in.

Christa- TsunamiZone was great for tracking CaribeWave. Is useful for determining what the subgroups are participating.